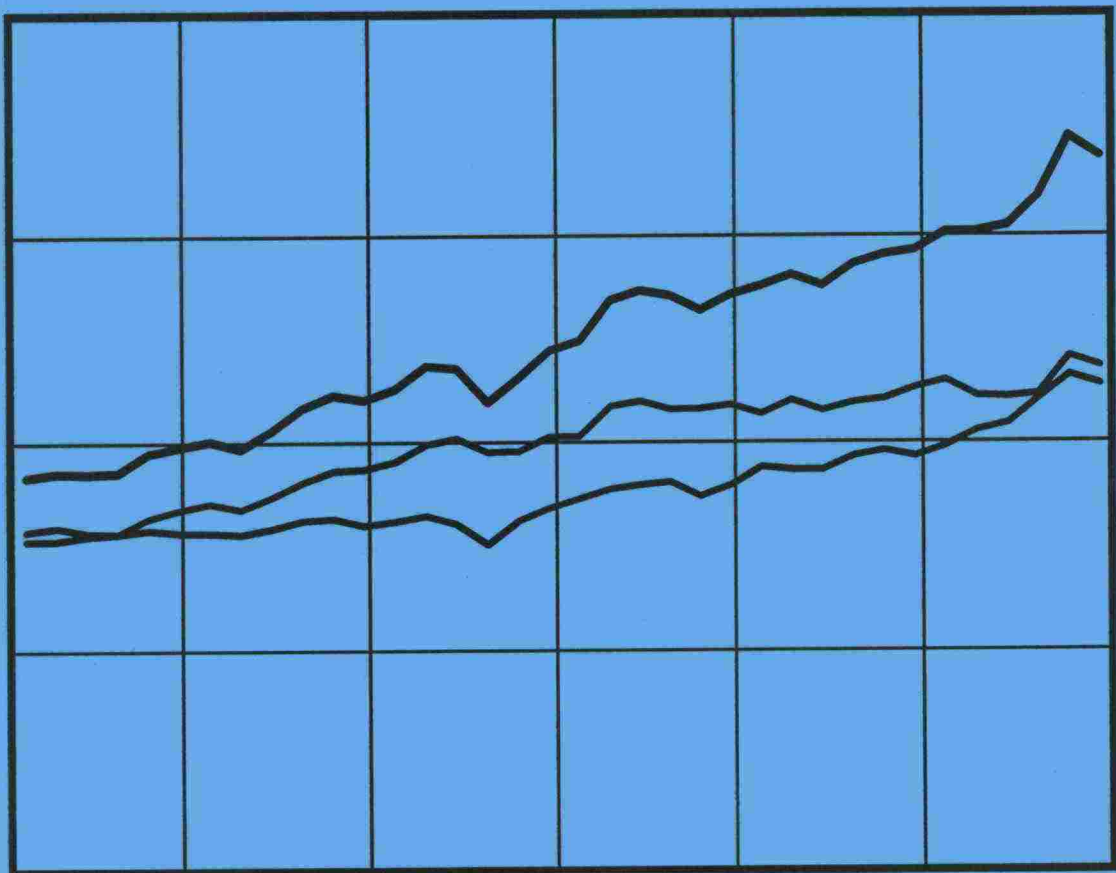


# Statistics on Shipping between Finland and Foreign Countries 1996



Statistics from the Finnish Maritime Administration 8/1997



Finnish Maritime  
Administration

**Statistics on Shipping between Finland and Foreign Countries 1996**

## INTRODUCTION

This statistical review is an English summary of the Finnish Maritime Administration's annual statistics publication 7/1997 under the title "Shipping between Finland and Foreign Countries 1996", which is in Finnish, Swedish and partly in English.

This English-language statistical review for 1996 is published for the third time. It contains time series for Finland's international shipping in tables and diagrams. Detailed information for transport exclusively in 1996 is available in the appendices of the statistical publication "Shipping between Finland and Foreign Countries 1996".

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## PRODUCT PRESENTATION

The term shipping statistics is used for statistics on the transport by sea of cargoes and passengers between Finland and foreign countries as well as statistics on vessels in international transport calling at Finnish ports.

The Finnish Maritime Administration has produced shipping statistics since 1918. The purpose is to serve the makers of shipping policy as efficiently as possible by generating statistical information for their use in planning, monitoring, supervision and decision-making. Industry, trade, research and the shipping industry also need statistical data on shipping.

### Collecting data

Whenever a Finnish or foreign vessel engaged in international shipping arrives at or leaves a Finnish port, its captain or, as is more often the case, its agent is obliged to supply the Finnish Maritime Administration with information on the vessel and its cargo according to the ports where it was loaded or unloaded. The information is given on an arrival/departure notification form or in machine language. These data are supplemented by reports sent in by the port authorities.

The collection of data in machine language is currently under development within the framework of the nationwide Portnet system. The new system will obtain the information necessary for the shipping statistics faster and more conveniently.

### The information content

The shipping statistics cover all cargoes loaded and unloaded in Finnish ports, including transit cargoes en route to third countries as well as cargoes loaded in vehicles and containers. Statistics on pure transit traffic and on cargoes in vehicles and containers are also given separately.

The statistics for passenger traffic covers information on passenger vessels and car ferries as well as passengers travelling on cargo vessels that regularly carry passengers. Passengers on cruise liners that call at Finnish ports are counted as both arriving in and departing from Finland.

The tonnage of the vessels in the vessel traffic statistics is given in net figures as most navigation charges (including fairway charges, pilotage and harbour dues) are set according to the net tonnage.

The vessel traffic statistics still include vessels measured according to both the 1947 and the 1969 measurement regulations. According to the 1947 regulations, the tonnage of the vessel is given in registered tons, while the 1969 regulations in unspecified gross or net figures. The changeover period ends in July 1994, after which all vessels must be measured according to the 1969 rules.

### Development

The shipping statistics system was last updated in 1992 and the new system has been in use since the start of 1993. The application is based on ORACLE database software. When the new system was being developed, the EU's classifications and

data requirements were taken into account. The EU's NSTR cargo classification was taken into use and applied. The EU's directive on shipping statistics was passed in 1995. However, the directive will not involve any great changes in the system of statistical returns on shipping.



## **FINNISH TONNAGE GETS LARGER PROPORTION OF SEA TRANSPORTS**

### **MINOR CHANGES IN GOODS VOLUMES AND PASSENGER NUMBERS**

There was a minor decline in seaborne transports in 1996. Exports were down by 2.3 per cent. The level of imports remained the same as in the previous year. The figures include transit business.

Despite the decline in sea transports, Finland's own international shipments grew and more goods than ever were carried by Finnish tonnage. The share of Finnish tonnage rose to 42.2 per cent.

#### **Decline in export and import shipments**

International traffic through the ports last year totalled 70.3 million tons. The decline on the previous year was 0.9 million tons. Of the quantities transported through the ports, 4.2 million tons consisted of transit business. Finland's own international shipments accounted for 66.1 million tons.

Exports comprised 33.3 million tons, compared with 34.1 million tons the previous year. This meant a decrease by 0.8 million tons. Of exports, 30.9 million tons consisted of Finnish international trade shipments and 2.5 million tons comprised transit shipments. Finland's own export increased by 0.2 million tons. There was a significant increase in the export of wood pulp, oil products and fertilizers whereas the export of forestry products (excl. wood pulp), metal products and chemicals fell off.

Imports amounted to 36.9 million tons. Imports were down by 0.1 million tons compared with the previous year. Transit shipments accounted for 1.7 million tons of imports. There was an increase above all in the import of general cargo, oil products, coal and ore. The import volumes of crude oil and timber fell off.

#### **Varying trends in transit shipments**

Transit shipments totalled 4.2 million tons; in 1995 they totalled 4.7 million tons and in 1994 5.6 million tons. The bulk of the exports comprised various chemicals and oil products exported through Finnish ports to continental Europe. Exports were down by 1.0 million tons. Imports consisted primarily of general cargo and various metal products imported by Russia through Finnish ports. Imports increased by 0.4 million tons compared with the previous year.

The import of general cargo, which is mainly forwarded to Russia by lorries, increased by more than 0.3 million tons, and its quantity, 1.2 million tons, comprises almost 30 per cent of the overall transit shipments.

Transit shipments were mostly carried out through a handful of ports (Kotka, Hamina and Kokkola), where transit business accounts for a large proportion of the total. The port of Helsinki plays an important part in the transit shipments of general cargo.

### **Rise in the proportion carried by Finnish tonnage**

The share of Finnish tonnage in seaborne transports was 42.2 per cent in 1996 (40.6 % in 1995 and 38.9 % in 1994).

Finnish vessels accounted for almost 50.6 per cent of all import shipments in 1996; their share of the import of coal and mineral oil was very high.

Finnish vessels handled 32.8 per cent of export shipments in 1996. The decline in the share handled by Finnish tonnage, which began in 1984, appears to have halted. The percentage held steady in 1989-1994, but started to grow in 1995.

In 1996 Finnish tonnage carried 29.6 million tons of goods between Finland and the rest of the world. This is an all-time record.

### **Varying trends between ports for cargo traffic**

International cargo shipments passed through a total of 54 ports (55 in 1995 and 53 in 1994 and 1993). However, the shipments were concentrated in the hands of the bigger ports; the ten biggest ports handled 25.6 million tons of exports (76.7 %) and 29.6 million tons (80.0 %) of imports.

The biggest export harbours were Kotka (5.1 million t), Sköldvik (4.2 million t), Helsinki (4.0 million t), Hamina (3.1 million t) and Rauma (2.7 million t). The biggest import harbours were Sköldvik (7.2 million t), Helsinki (5.7 million t) and Rautaruukki (3.7 million t).

Shipments between domestic ports totalled 7 million tons, most of which consisted of fuel and timber.

Traffic on the Saimaa Canal in 1996 totalled 1.44 million tons, of which shipments to and from foreign countries accounted for 1.34 million tons. Shipments on the canal decreased by 131.000 tons on the previous year.

### **Minor rise in the number of passengers carried**

There has been a constant increase in passenger traffic between Finland and foreign countries since 1980, with 1994 as the sole exception. In that year there was a slight decline in passenger traffic. In the course of 1996 14.1 million passengers were carried. This is up by 0.2 million passengers on the previous year's figure. There was, however, a decline in passenger numbers from September to year's end.

Again there was a slight decrease in the traffic to and from Sweden, which totalled 8.8 million passengers. The share of the Finland-Sweden routes in overall passenger business has tailed off in recent years, although it still has a dominant position (62.8 % in 1996, 63.9 % in 1995, 71.0 % in 1994, 73.1 % in 1993, 76.2 % in 1992, and 82.4 % in 1991).

In recent years there has been a dramatic increase in traffic to and from Tallinn, Estonia. In 1996 4.8 million passengers were carried on this route, compared with 4.0 million in 1995, 2.2 million in 1993, 1.4 million in 1992, and 0.8 million in 1991.

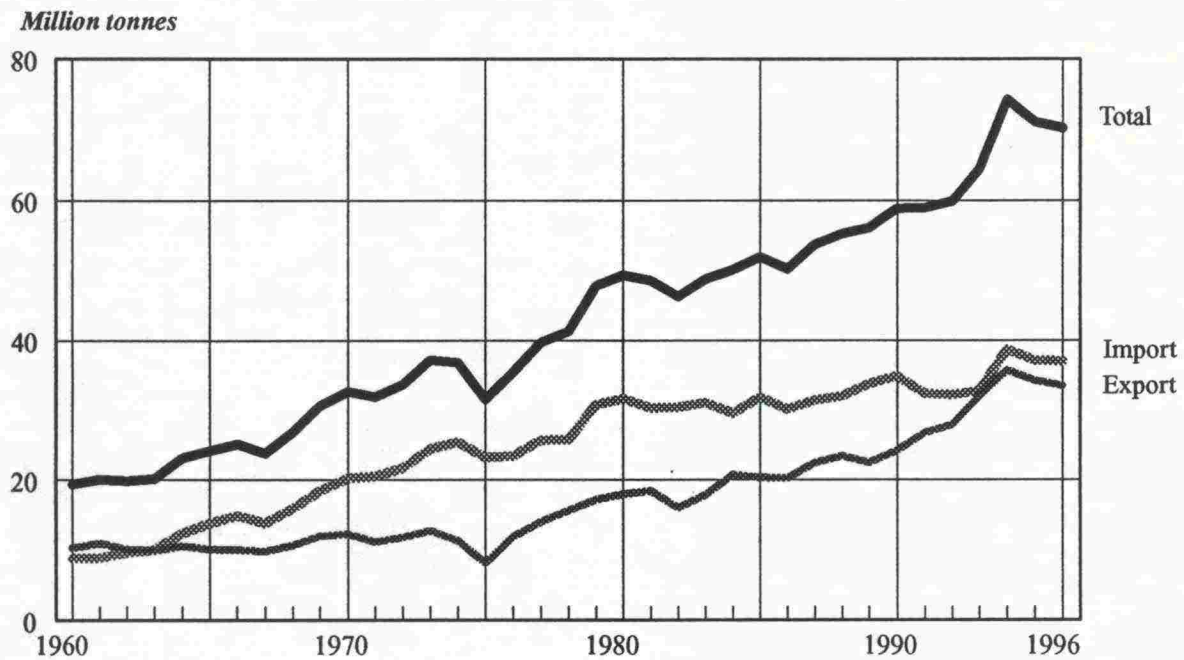


## A. Seaborne transports between Finland and foreign countries, 1960-1996

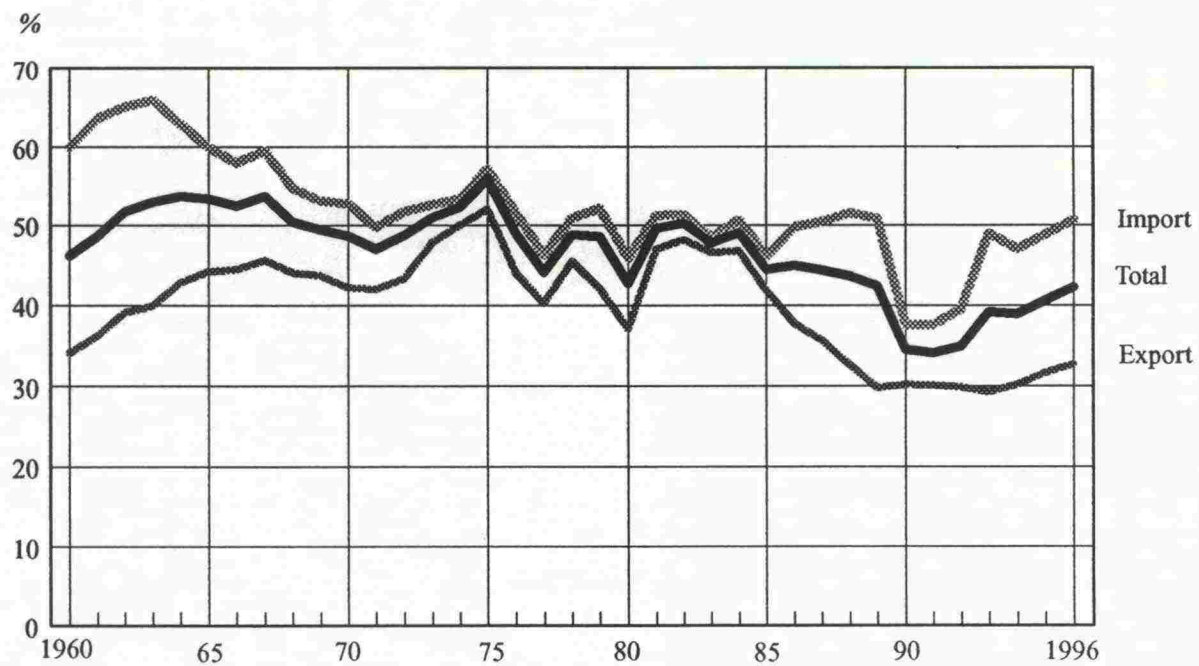
Year	Import			Export			Total		
	tonnes	On Finnish vessels tonnes	%	tonnes	On Finnish vessels tonnes	%	tonnes	On Finnish vessels tonnes	%
1960	8 955 490	5 373 054	60,0	10 399 690	3 554 098	34,2	19 355 180	8 927 152	46,1
61	8 992 685	5 710 718	63,5	11 025 990	3 992 647	36,2	20 018 675	9 703 365	48,5
62	9 671 578	6 285 427	65,0	10 184 167	3 981 824	39,1	19 855 745	10 267 251	51,7
63	10 047 891	6 615 438	65,8	10 032 012	4 000 400	39,9	20 079 903	10 615 838	52,9
64	12 462 389	7 838 276	62,9	10 619 002	4 548 417	42,8	23 081 391	12 386 693	53,7
65	13 868 394	8 304 382	59,9	10 178 070	4 500 489	44,2	24 046 464	12 804 871	53,3
66	14 911 041	8 632 273	57,9	10 130 284	4 497 570	44,4	25 041 325	13 129 843	52,4
67	13 902 140	8 278 698	59,5	9 861 315	4 492 922	45,6	23 763 455	12 771 620	53,7
68	15 957 992	8 734 088	54,7	10 753 595	4 734 097	44,0	26 711 587	13 468 185	50,4
69	18 419 478	9 785 779	53,1	12 033 042	5 262 604	43,7	30 452 520	15 048 383	49,4
1970	20 179 806	10 624 933	52,7	12 359 692	5 200 967	42,1	32 539 498	15 825 900	48,6
71	20 505 729	10 198 217	49,7	11 247 482	4 711 973	41,9	31 753 211	14 910 190	47,0
72	21 647 007	11 198 425	51,7	11 883 405	5 140 029	43,3	33 530 412	16 338 454	48,7
73	24 400 050	12 835 850	52,6	12 791 947	6 120 617	47,8	37 191 997	18 956 467	51,0
74	25 305 879	13 486 367	53,3	11 440 457	5 714 965	50,0	36 746 336	19 201 332	52,3
75	23 175 298	13 259 771	57,2	8 216 782	4 272 837	52,0	31 392 080	17 532 608	55,9
76	23 315 627	11 996 673	51,5	11 997 152	5 282 529	44,0	35 312 779	17 279 202	48,9
77	25 629 621	11 843 467	46,2	14 086 764	5 662 587	40,2	39 716 385	17 506 054	44,1
78	25 723 429	13 105 159	50,9	15 638 566	7 099 651	45,4	41 361 995	20 204 810	48,8
79	30 638 664	15 951 702	52,1	17 187 594	7 225 635	42,0	47 826 258	23 177 337	48,5
1980	31 470 022	14 428 682	45,8	17 900 110	6 633 713	37,1	49 370 132	21 062 395	42,7
81	30 177 916	15 454 560	51,2	18 419 447	8 638 810	46,9	48 597 363	24 093 370	49,6
82	30 259 848	15 517 461	51,3	16 039 886	7 719 070	48,1	46 299 734	23 236 531	50,2
83	30 914 693	14 971 348	48,4	17 844 858	8 302 024	46,5	48 759 551	23 273 372	47,7
84	29 417 598	14 885 728	50,6	20 729 314	9 684 108	46,7	50 146 912	24 569 836	49,0
85	31 647 531	14 561 257	46,0	20 307 126	8 498 273	41,8	51 954 657	23 059 530	44,4
86	29 946 090	14 887 336	49,7	20 245 956	7 662 184	37,8	50 192 046	22 549 520	44,9
87	31 284 557	15 770 055	50,4	22 436 947	8 011 157	35,7	53 721 504	23 781 212	44,3
88	31 873 844	16 422 987	51,5	23 353 075	7 646 659	32,7	55 226 919	24 069 646	43,6
89	33 631 729	17 068 791	50,8	22 425 426	6 684 424	29,8	56 057 155	23 753 215	42,4
1990	34 824 700	13 103 294	37,6	24 046 721	7 252 334	30,2	58 871 421	20 355 628	34,6
91	32 277 120	12 145 669	37,6	26 617 840	8 001 534	30,1	58 894 960	20 147 203	34,2
92	32 090 079	12 667 725	39,5	27 758 450	8 302 240	29,9	59 848 529	20 969 965	35,0
93	32 560 115	15 910 954	48,9	31 875 849	9 345 083	29,3	64 435 964	25 256 037	39,2
94	38 637 495	18 113 632	46,9	35 605 998	10 768 137	30,2	74 243 493	28 881 769	38,9
95	37 036 219	18 066 162	48,8	34 121 954	10 811 101	31,7	71 158 173	28 877 263	40,6
96	36 944 564	18 692 722	50,6	33 344 847	10 948 852	32,8	70 289 411	29 641 574	42,2



### B. Seaborne transports between Finland and foreign countries, 1960-1996



### C. Percentage of goods carried by Finnish vessels, 1960-1996



## D. Seaborne transports between Finland and foreign countries by type of cargo, 1980-1996

## Import

Year	Petroleum	Coal and coke	Other dry bulk	General cargo and metals	Other imports	Total
	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes
1980	14 703 803	5 093 607	6 143 015	3 939 819	1 589 778	31 470 022
81	12 431 566	6 134 316	5 466 835	3 731 636	2 413 563	30 177 916
82	11 514 530	5 455 419	5 984 606	3 619 614	3 685 679	30 259 848
83	12 732 480	5 022 889	5 177 304	3 496 975	4 485 045	30 914 693
84	12 390 896	4 320 257	5 261 293	3 300 751	4 144 401	29 417 598
85	12 837 757	6 002 835	5 529 153	3 974 310	3 303 476	31 647 531
86	12 188 465	5 764 128	5 927 540	3 675 391	2 390 566	29 946 090
87	13 162 996	5 586 041	5 865 500	4 020 859	2 649 161	31 284 557
88	12 129 775	5 541 130	6 796 563	4 475 168	2 931 208	31 873 844
89	11 287 631	6 318 238	7 506 404	5 068 318	3 451 138	33 631 729
1990	11 505 550	6 713 255	8 174 677	4 833 488	3 597 730	34 824 700
91	12 167 119	6 095 082	7 141 421	4 070 944	2 802 554	32 277 120
92	11 362 865	4 677 491	7 754 238	4 275 500	4 019 985	32 090 079
93	10 468 672	6 179 815	8 010 681	4 837 798	3 063 149	32 560 115
94	12 666 602	8 365 029	8 234 570	6 262 958	3 108 336	38 637 495
95	11 724 523	7 051 134	7 532 475	7 017 451	3 710 636	37 036 219
96	10 754 926	7 600 049	8 125 797	7 558 087	2 905 705	36 944 564

## Export

Year	Sawn wood	Other forest industry products	General cargo and metals	Petroleum and chemicals	Other exports	Total
	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes
1980	3 696 227	7 434 221	2 458 045	3 245 976	1 065 641	17 900 110
81	2 824 519	7 375 185	2 929 155	3 786 708	1 503 880	18 419 447
82	2 460 917	6 183 058	2 760 104	3 105 493	1 530 314	16 039 886
83	2 656 471	6 544 394	3 195 573	4 118 469	1 329 951	17 844 858
84	2 623 716	7 393 581	3 386 170	5 165 343	2 160 504	20 729 314
85	2 523 472	7 457 663	3 753 172	4 631 049	1 941 770	20 307 126
86	2 240 052	7 703 059	4 109 647	4 179 503	2 013 695	20 245 956
87	2 455 161	8 204 726	4 572 419	5 388 656	1 815 985	22 436 947
88	2 537 735	8 245 449	4 823 523	6 186 979	1 559 389	23 353 075
89	2 321 491	8 121 831	5 257 210	4 936 490	1 788 404	22 425 426
1990	2 060 376	8 201 058	5 580 665	6 160 420	2 044 202	24 046 721
91	2 110 102	8 174 214	6 080 931	7 184 094	3 068 499	26 617 840
92	2 298 131	8 485 052	7 000 419	7 522 273	2 452 575	27 758 450
93	3 192 617	9 703 398	8 440 595	7 364 305	3 174 934	31 875 849
94	3 635 560	11 210 652	9 561 615	7 763 062	3 435 109	35 605 998
95	3 812 957	11 020 823	8 803 887	7 264 791	3 219 496	34 121 954
96	3 456 928	10 486 331	8 598 697	7 209 195	3 593 696	33 344 847

## E. Seaborne transports between Finland and foreign countries by groups of goods and share of Finnish tonnage, 1994 - 1996

## Import

Description	1996		1995		1994	
		On Finnish		On Finnish		On Finnish
	tonnes	vessels tonnes	tonnes	vessels tonnes	tonnes	vessels tonnes
Timber	707 714	247 645	1 462 573	380 979	971 208	204 672
Sawn wood	15 411	363	9 765	7 740	2 402	963
Wood pulp	54 819	4 276	80 324	3 213	98 926	10 717
Paper and paperboard	23 802	8 717	26 248	11 674	27 570	21 638
Veneers and plywood	13 911	3 243	18 125	4 998	13 666	4 694
Metals and metal manufactures	1 011 111	260 473	1 086 059	280 234	817 121	230 411
Chemicals	1 506 785	104 855	1 545 353	227 865	1 492 636	212 136
Fertilizers	122 580	51 511	159 401	31 434	219 605	52 220
Cereals	332 816	24 601	245 934	20 721	179 354	4 457
Mineral oils	10 754 926	7 016 871	11 724 523	7 816 029	12 666 602	8 095 229
Coal and coke	7 600 049	4 673 565	7 051 134	4 107 622	8 365 029	4 912 980
Ores and concentrates	4 111 594	2 298 286	3 268 447	1 468 397	3 819 449	815 193
Crude minerals and cement	3 558 807	939 717	3 858 693	928 281	4 016 162	967 838
General cargo	6 546 976	3 021 411	5 931 392	2 727 212	5 445 837	2 536 163
Other merchandise	583 263	37 188	568 248	49 763	501 928	44 321
Total	36 944 564	18 692 722	37 036 219	18 066 162	38 637 495	18 113 632

## Export

Description	1996		1995		1994	
		On Finnish		On Finnish		On Finnish
	tonnes	vessels tonnes	tonnes	vessels tonnes	tonnes	vessels tonnes
Timber	478 101	185 942	716 342	195 664	858 343	150 398
Sawn wood	3 456 928	291 098	3 812 957	282 336	3 635 560	287 489
Wood pulp	1 495 553	356 894	1 240 202	224 323	1 456 774	286 431
Paper and paperboard	8 007 643	3 086 893	8 598 876	3 272 346	8 460 967	3 295 908
Veneers and plywood	505 034	126 464	465 403	119 893	434 568	107 879
Metals and metal manufactures	2 138 554	886 636	2 376 252	837 729	2 937 505	892 246
Chemicals	2 326 046	248 623	3 080 556	347 249	3 535 928	354 918
Fertilizers	1 237 477	24 619	1 024 255	28 930	841 803	70 704
Cereals	381 719	19 193	416 005	4 101	1 013 053	4 954
Mineral oils	4 883 149	2 045 685	4 184 235	2 021 287	4 227 134	1 927 084
Coal and coke	46 166	28 775	6 785	0	56 314	8 198
Ores and concentrates	981 021	481 307	935 502	577 684	742 326	373 841
Crude minerals and cement	660 576	196 526	744 513	170 563	665 425	222 956
General cargo	6 460 143	2 951 645	6 427 635	2 715 267	6 624 110	2 777 913
Other merchandise	286 737	18 552	92 436	13 729	116 188	7 218
Total	33 344 847	10 948 852	34 121 954	10 811 101	35 605 998	10 768 137



## F. Seaborne trade between Finland and foreign countries in 1996

Country	Import tonnes	Export tonnes	Total tonnes	%
Sweden	6 072 087	4 676 184	10 748 271	15,3
Russia	2 374 256	91 665	2 465 921	3,5
Estonia	1 413 140	1 105 811	2 518 951	3,6
Latvia	985 088	361 941	1 347 029	1,9
Lithuania	111 605	11 945	123 550	0,2
Poland	4 167 668	569 115	4 736 783	6,7
Denmark	1 744 694	1 017 214	2 761 908	3,9
Germany	4 102 299	7 407 852	11 510 151	16,4
Norway	3 153 406	540 622	3 694 028	5,3
Iceland	14 217	9 064	23 281	0,0
United Kingdom	5 635 117	4 122 614	9 757 731	13,9
Ireland	66 119	131 409	197 528	0,3
Netherlands	1 833 432	2 814 467	4 647 899	6,6
Belgium	1 196 057	2 173 026	3 369 083	4,8
France	225 320	1 072 115	1 297 435	1,8
Spain	297 707	838 152	1 135 859	1,6
Portugal	162 837	115 933	278 770	0,4
Italy	54 810	487 929	542 739	0,8
Croatia	-	7 815	7 815	0,0
Greece	27 961	240 487	268 448	0,4
Bulgaria	141	-	141	0,0
Turkey	30 461	281 848	312 309	0,4
Egypt	3 238	426 790	430 028	0,6
Libya	-	10 320	10 320	0,0
Tunisia	4 861	87 505	92 366	0,1
Algeria	-	128 039	128 039	0,2
Morocco	19 875	60 367	80 242	0,1
Mauritania	159 488	-	159 488	0,2
Senegal	-	3 473	3 473	0,0
Guinea	43 076	-	43 076	0,1
Ghana	7 828	-	7 828	0,0
Ivory Coast	-	10 090	10 090	0,0
Nigeria	-	3 032	3 032	0,0
Niger	-	483	483	0,0
Cameroon	-	5 896	5 896	0,0
Equatorial Guinea	-	187	187	0,0
Angola	-	3 436	3 436	0,0
South Africa	98 688	28	98 716	0,1
Mozambique	15 610	-	15 610	0,0
Tanzania	72 479	-	72 479	0,1
Kenya	-	26 101	26 101	0,0
Cyprus	3 912	33 013	36 925	0,1
Syria	-	4 597	4 597	0,0
Libanon	-	8 899	8 899	0,0
Israel	6 721	185 251	191 972	0,3

F. (cont.)

Country	Import tonnes	Export tonnes	Total tonnes	%
Saudi Arabia	-	115 051	115 051	0,2
Yemen	-	2 310	2 310	0,0
Oman	-	3 356	3 356	0,0
United Arab Emirates	-	2 213	2 213	0,0
Kuwait	-	17	17	0,0
Iran	-	65 872	65 872	0,1
Pakistan	-	33 675	33 675	0,0
India	17 046	8 702	25 748	0,0
Sri Lanka	-	13 147	13 147	0,0
Malaysia	-	79 699	79 699	0,1
Singapore	10 900	182 755	193 655	0,3
Indonesia	139 987	26 436	166 423	0,2
Thailand	-	41 705	41 705	0,1
Vietnam	-	757	757	0,0
Laos	-	5 198	5 198	0,0
Philippines	1 539	2 305	3 844	0,0
Hong Kong	-	18	18	0,0
Taiwan	-	100 740	100 740	0,1
China	-	814 878	814 878	1,2
Japan	21 747	525 841	547 588	0,8
Republic of Korea	-	29 614	29 614	0,0
Canada	102 701	30 082	132 783	0,2
United States of America	1 334 241	1 917 675	3 251 916	4,6
El Salvador	-	40	40	0,0
Honduras	11 902	-	11 902	0,0
Costa Rica	6 107	-	6 107	0,0
Panama	-	50 900	50 900	0,1
Netherlands Antilles	-	1 211	1 211	0,0
Antigua, Barbuda	-	259	259	0,0
Jamaica	40 449	-	40 449	0,1
Saint Kitts-Nevis	9 651	-	9 651	0,0
Trinidad, Tobago	7 500	-	7 500	0,0
Colombia	378 075	-	378 075	0,5
Venezuela	116 073	36 495	152 568	0,2
Guyana	20 568	238	20 806	0,0
Surinam	17 952	-	17 952	0,0
Brazil	20 961	147 563	168 524	0,2
Uruguay	17 103	-	17 103	0,0
Paraguay	19 243	-	19 243	0,0
Argentina	17 680	28 811	46 491	0,1
Chile	34 517	-	34 517	0,0
Peru	26 123	694	26 817	0,0
Ecuador	239 179	-	239 179	0,3
Australia	191 598	135	191 733	0,3
Papua New Guinea	21 802	1 740	23 542	0,0
Fiji	15 722	-	15 722	0,0
Total	36 944 564	33 344 847	70 289 411	100

## G. Arrivals and departures in foreign traffic, 1981 - 1996

Arrivals Year	Passenger vessels			Passenger/car ferries			Cargo ferries			Bulk carriers			Other dry cargo vessels			Tankers			Other vessels			Total				
	Number	Net 1 000	Cargo 1 000 t	Number	Net 1 000	Cargo 1 000 t	Number	Net 1 000	Cargo 1 000 t	Number	Net 1 000	Cargo 1 000 t	Number	Net 1 000	Cargo 1 000 t	Number	Net 1 000	Cargo 1 000 t	Number	Net 1 000	Cargo 1 000 t	Number	Net 1 000	Cargo 1 000 t		
1981	1 457	3 945	41	8 108	39 730	1 009	2 127	3 857	1 397	2 139	5 483	8 540	6 397	8 391	5 355	1 748			7 885	13 366	807	703	470	22 783	69 994	30 178
82	976	3 524	20	8 590	42 441	1 065	2 125	4 385	1 665	1 935	5 640	8 758	5 742	7 559	5 426	1 609			6 602	12 440	727	768	886	21 704	70 919	30 260
83	1 071	3 775	15	8 007	43 413	1 122	2 291	5 046	1 604	2 272	6 054	8 370	5 721	7 849	4 882	1 934			7 822	13 752	743	616	1 170	22 039	74 575	30 915
84	1 096	3 671	13	7 912	42 697	1 063	2 583	5 742	1 738	2 290	6 024	7 236	5 353	7 148	4 474	2 020			8 302	13 442	894	735	1 452	22 148	74 319	29 418
85	992	3 403	13	7 731	49 037	1 055	2 811	7 146	2 065	2 071	6 411	8 739	4 957	6 403	4 904	1 949			8 335	13 936	632	362	936	21 143	81 097	31 648
86	940	2 733	-	7 935	64 911	1 172	2 779	7 389	2 008	2 438	6 458	8 980	4 890	6 499	4 024	1 924			7 536	13 217	603	316	545	21 509	95 842	29 946
87	960	2 743	-	8 325	68 139	1 336	2 796	7 440	2 103	2 531	5 902	7 130	4 816	6 059	3 822	2 034			8 771	14 376	652	862	2 518	22 114	99 916	31 285
88	1 826	3 243	-	8 222	69 014	1 346	3 417	8 841	2 436	2 724	5 815	7 356	4 995	5 950	4 105	2 206			8 348	13 214	769	1 148	3 417	24 159	102 359	31 874
89	1 457	2 940	-	9 028	87 599	1 250	4 306	10 626	2 896	2 952	6 286	8 459	5 289	6 891	4 605	2 122			7 460	12 423	728	1 276	3 999	25 882	123 078	33 632
1990	1 827	8 748	37	9 073	96 049	963	4 688	13 226	3 043	2 686	6 596	8 657	5 223	6 615	5 449	2 298			8 657	12 822	776	973	3 854	26 571	140 864	34 825
91	2 319	10 283	34	8 777	103 886	832	4 545	13 220	2 670	2 582	6 726	8 656	4 896	6 441	5 011	2 205			8 744	13 282	410	515	1 792	25 734	149 815	32 277
92	2 396	5 207	-	8 893	107 144	877	4 954	14 913	2 846	2 809	5 959	6 007	5 435	7 051	6 183	2 299			8 359	12 611	566	921	3 566	27 352	149 554	32 090
93	2 117	5 208	-	9 101	112 054	1 025	5 589	15 603	2 992	1 894	5 775	6 687	6 618	8 907	6 215	2 240			7 875	11 536	621	983	4 105	28 180	156 405	32 560
94	2 070	2 270	-	8 880	101 878	1 179	5 860	17 188	3 652	1 482	6 288	8 163	7 550	10 479	6 873	2 350			8 819	14 080	657	1 182	4 691	28 849	148 105	38 637
95	1 971	1 280	-	10 242	117 830	1 700	5 782	20 553	3 501	893	4 987	6 479	8 244	11 970	7 379	2 166			8 275	13 021	831	1 266	4 956	30 129	166 161	37 036
96	2 182	2 377	3	9 460	116 477	1 377	5 710	22 595	4 155	965	5 366	7 365	7 635	11 639	7 066	1 969			7 744	12 011	638	1 180	4 968	28 559	167 378	36 945

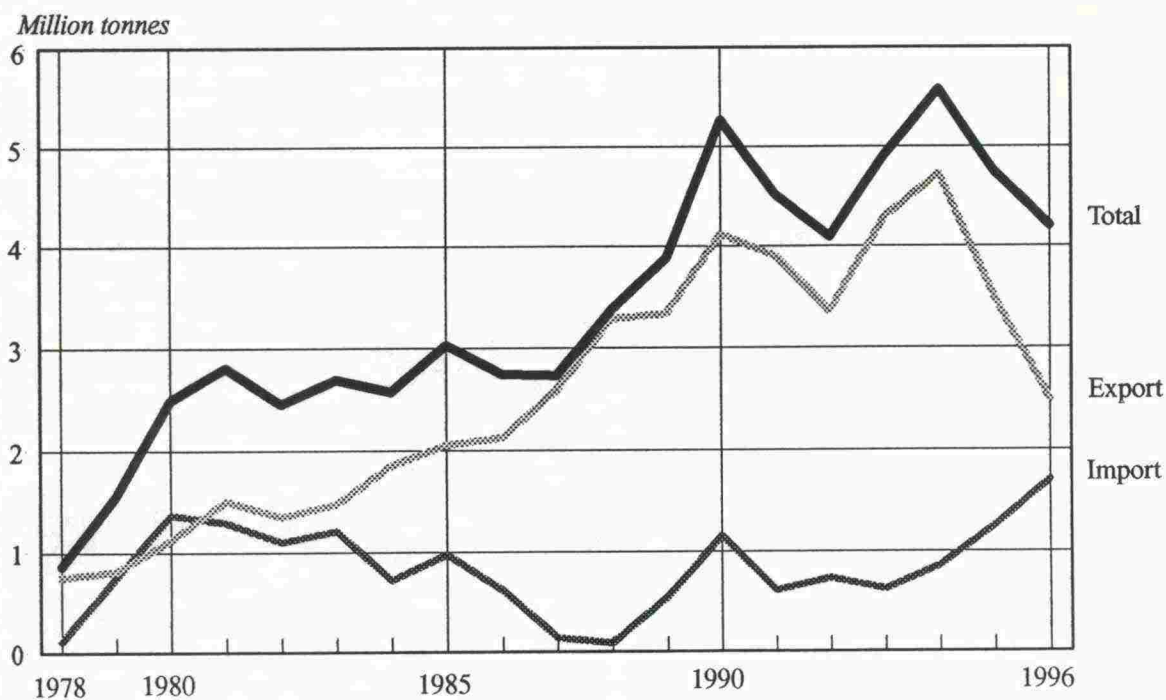
Departures Year	Passenger vessels			Passenger/car ferries			Cargo ferries			Bulk carriers			Other dry cargo vessels			Tankers			Other vessels			Total				
	Number	Net 1 000	Cargo 1 000 t	Number	Net 1 000	Cargo 1 000 t	Number	Net 1 000	Cargo 1 000 t	Number	Net 1 000	Cargo 1 000 t	Number	Net 1 000	Cargo 1 000 t	Number	Net 1 000	Cargo 1 000 t	Number	Net 1 000	Cargo 1 000 t	Number	Net 1 000	Cargo 1 000 t		
1981	1 493	4 227	62	8 064	39 407	973	2 101	3 831	3 496	2 110	5 415	2 004	6 468	8 478	6 987	1 729			7 883	3 712	817	753	1 185	22 782	69 994	18 419
82	984	3 570	42	8 571	42 247	961	2 116	4 379	3 716	1 944	5 641	1 674	5 723	7 549	5 922	1 577			6 482	2 990	756	788	735	21 671	70 656	16 040
83	1 079	3 769	40	7 999	43 450	1 050	2 284	5 048	4 129	2 245	6 109	2 083	5 730	7 810	6 286	1 890			7 592	4 018	770	657	239	21 997	74 435	17 845
84	1 103	3 694	36	7 909	42 669	1 055	2 575	5 719	4 652	2 269	5 960	2 937	5 382	7 312	6 595	1 960			7 920	5 133	907	746	321	22 105	74 020	20 729
85	985	3 199	31	7 742	49 276	1 051	2 799	7 116	5 636	2 093	6 343	3 154	4 941	6 472	5 778	1 888			8 261	4 550	621	380	107	21 069	81 047	20 307
86	939	2 737	-	7 934	65 148	1 239	2 783	7 368	5 732	2 394	6 411	2 875	4 893	6 474	5 920	1 899			7 405	4 141	631	331	339	21 473	95 874	20 246
87	967	2 753	-	8 338	68 511	1 356	2 806	7 443	5 903	2 509	5 810	3 232	4 849	6 312	6 261	1 950			8 424	5 366	663	874	319	22 082	100 127	22 437
88	1 833	3 289	4	8 229	69 340	1 274	3 416	8 840	6 434	2 696	5 766	3 364	5 010	5 961	6 150	2 120			8 026	6 062	753	1 114	65	24 057	102 336	23 353
89	1 455	2 948	1	8 992	86 581	1 064	4 233	10 416	6 456	2 906	6 194	3 757	5 330	7 015	6 397	2 065			7 302	4 660	740	1 316	90	25 721	121 772	22 425
1990	1 828	8 770	31	9 124	97 361	957	4 595	13 002	7 312	2 604	6 423	3 901	5 300	7 445	5 920	2 239			8 437	5 813	788	983	113	26 478	142 421	24 047
91	2 317	10 240	41	8 754	103 419	922	4 545	13 251	7 655	2 526	6 657	4 665	5 006	6 656	6 308	2 160			8 451	6 940	404	502	86	25 712	149 176	26 617
92	2 404	5 264	-	8 924	107 328	982	4 926	14 823	8 532	2 757	5 858	4 691	5 575	7 229	6 193	2 265			8 220	7 109	567	898	251	27 418	149 620	27 758
93	2 129	5 279	2	9 069	113 962	1 191	5 586	15 530	9 427	1 891	5 802	4 878	6 606	8 921	9 169	2 234			7 845	6 857	620	973	352	28 135	158 312	31 876
94	2 066	2 265	-	8 894	106 510	1 321	5 823	17 102	10 572	1 478	6 320	4 960	7 546	10 459	11 389	2 328			8 733	6 999	656	1 167	365	28 791	152 556	35 606
95	1 958	1 296	-	10 223	121 595	2 033	5 806	20 564	9 524	889	4 970	4 129	8 238	11 974	11 863	2 106			8 087	6 110	857	1 295	463	30 077	169 781	34 122
96	2 184	2 428	16	9 460	119 926	1 632	5 653	22 386	10 026	961	5 319	3 794	7 639	11 650	11 275	1 947			7 876	6 375	644	1 190	227	28 488	170 775	33 345



## H. Transit traffic through Finnish ports, 1978 - 1996

Year	Import tonnes	Export tonnes	Total tonnes
1978	111 340	749 272	860 612
79	751 851	808 761	1 560 612
1980	1 375 293	1 124 093	2 499 386
81	1 294 238	1 512 573	2 806 811
82	1 104 280	1 354 951	2 459 231
83	1 212 332	1 477 153	2 689 485
84	719 527	1 856 050	2 575 577
85	976 282	2 053 514	3 029 796
86	618 334	2 123 065	2 741 399
87	137 833	2 588 625	2 726 458
88	85 485	3 277 497	3 362 982
89	545 644	3 330 007	3 875 651
1990	1 153 699	4 118 771	5 272 470
91	610 780	3 899 505	4 510 285
92	735 349	3 353 619	4 088 968
93	625 371	4 287 834	4 913 205
94	854 211	4 719 914	5 574 125
95	1 260 838	3 486 533	4 747 371
96	1 710 782	2 487 510	4 198 292

## I. Transit traffic through Finnish ports, 1978-1996



## J. Passenger traffic between Finland and foreign countries, 1960 - 1996

Year	Passengers arrived			Passengers departed			Total
	Number	On Finnish vessels Number	%	Number	On Finnish vessels Number	%	
1960	338 604	209 517	61,9	338 621	209 576	61,9	677 225
61	454 917	311 852	68,6	449 642	308 838	68,7	904 559
62	513 075	340 910	66,4	504 913	344 346	68,2	1 017 988
63	521 211	389 538	74,7	518 203	394 100	76,1	1 039 414
64	718 381	513 883	71,5	714 296	514 333	72,0	1 432 677
65	1 003 205	630 908	62,9	1 010 885	644 514	63,8	2 014 090
66	916 958	633 652	69,1	917 035	647 185	70,6	1 833 993
67	933 259	686 148	73,5	931 979	691 408	74,2	1 865 238
68	1 110 741	836 345	75,3	1 106 453	847 122	76,6	2 217 194
69	1 262 413	961 451	76,2	1 270 194	959 349	75,5	2 532 607
1970	1 493 559	1 162 868	77,9	1 499 185	1 171 744	78,2	2 992 744
71	1 921 222	1 587 341	82,6	1 890 892	1 540 944	81,5	3 812 114
72	2 525 786	1 914 786	75,8	2 489 275	1 936 502	77,8	5 015 061
73	2 878 659	2 234 517	77,6	2 852 081	2 223 903	78,0	5 730 740
74	2 576 775	2 068 717	80,3	2 586 480	2 051 917	79,3	5 163 255
75	2 676 407	2 040 757	76,2	2 711 329	2 081 096	76,8	5 387 736
76	2 581 663	2 049 733	79,4	2 597 969	2 055 669	79,1	5 179 632
77	2 559 268	2 045 998	79,9	2 594 187	2 020 521	77,9	5 153 455
78	2 849 282	2 227 401	78,2	2 878 834	2 209 452	76,7	5 728 116
79	3 037 356	2 392 097	78,8	3 062 370	2 410 112	78,7	6 099 726
1980	2 940 468	2 204 645	75,0	2 939 663	2 175 776	74,0	5 880 131
81	3 364 143	2 576 225	76,6	3 372 092	2 569 253	76,2	6 736 235
82	3 399 577	2 534 746	74,6	3 435 149	2 621 133	76,3	6 834 726
83	3 439 480	2 682 096	78,0	3 493 497	2 682 759	76,8	6 932 977
84	3 535 116	2 773 045	78,4	3 570 164	2 682 431	75,1	7 105 280
85	3 725 000	2 692 774	72,3	3 739 267	2 740 925	73,3	7 464 267
86	4 020 333	2 923 726	72,7	4 028 837	2 926 457	72,6	8 049 170
87	4 149 897	2 689 086	64,8	4 179 601	2 780 170	66,5	8 329 498
88	4 413 599	2 930 860	66,4	4 469 411	2 873 283	64,3	8 883 010
89	5 094 654	3 293 424	64,6	5 100 447	3 323 737	65,2	10 195 101
1990	5 400 758	3 307 960	61,2	5 433 268	3 346 699	61,6	10 834 026
91	6 178 140	3 745 922	60,6	6 212 620	3 918 834	63,1	12 390 760
92	6 501 136	3 871 321	59,5	6 529 383	3 889 960	59,6	13 030 519
93	6 704 947	4 050 922	60,4	6 704 770	4 056 232	60,5	13 409 717
94	6 242 789	4 122 205	66,0	6 221 862	4 228 068	68,0	12 464 651
95	6 977 694	4 725 180	67,7	6 932 656	4 832 408	69,7	13 910 350
96	7 045 124	4 930 496	70,0	7 006 872	5 032 981	71,8	14 051 996

**K. Passenger traffic between Finland and foreign countries, 1960-1996**